asked to report the number of subscribers to each service, and various other information.

Much of the information requested by the FCC is specific to individual franchise areas served by the selected cable systems. Quite commonly, a single cable television system serves adjacent communities or areas that, from the perspective of local franchising authorities, consist of separate franchises. The operator customarily provides the same set of service options throughout the service area, charging a price for each that does not vary from one franchise to another. But since "competition", as defined by the FCC, can be present in one of a cable system's franchise areas and not others, the basic unit of observation in the database developed by the FCC is cable service in a franchise area.

For each of the cable systems, the FCC requested information on a "primary" franchise and, if the system's service territory consisted of more than one franchise, a second franchise. A system's "primary" franchise was defined by the FCC as the franchise drawn in the sample. The "secondary" franchise was to be chosen by the system to favor examples of effective competition, different channel line-up or prices, and large subscriber size. Of the 687 systems returning valid questionnaires, 267 reported on only a primary franchise and 420 reported on a primary and secondary franchise.

After compiling the data reported by the surveyed cable systems, the FCC then selected a subset of the responses, which it used to develop the competitive benchmarks. Although the details of this winnowing process remain imprecise, the following steps were apparently employed. First, the FCC eliminated cable franchises for which the reported data contained important

Benchmark Evaluation

For benchmark prices to be reasonable, they must allow the cable systems regulated by them an opportunity to recover the cost of providing cable service, including the cost of capital. If benchmarks prevent a number of cable systems from recovering their costs, the long-term consequence will be a withdrawal of service from those areas, something not in the interest of consumers.

To evaluate whether benchmarks are likely to provide systems with the opportunity to recover their costs, it is helpful to address the following questions.

- 1. Are the data used to construct the benchmarks accurate?
- 2. Are the service prices charged by the "competitive" systems in the sample adequate for those cable systems to recover their costs?
- 3. Is the valid sample of competitive systems sufficiently large to produce a statistically reliable measure of "competitive" prices?
- 4. Do the benchmarks take into account all factors affecting service costs necessary to prevent the benchmark prices from falling below significantly service costs for some cable systems?

It is true that, in the new regulatory environment, a cable system feeling that the benchmark applicable to it is unreasonably low would be afforded the opportunity of justifying its prices by reference to its cost of service. Thus, it might appear that the reasonableness of the benchmark prices should not be of great concern. But that overlooks the consideration that many cable systems, especially small ones, frequently do not have the detailed cost records, extending back in time, that firms accustomed to cost-based rate regulation are

omissions. From the remaining franchises, it then retained all randomly selected primary franchises and all franchises satisfying the "effective competition" criteria.

The FCC designated three tests to determine whether a franchise area is characterized by effective competition. An area qualified as "competitive" if it satisfied any of those conditions, which the FCC refers to as categories A, B, and C.

<u>Category A:</u> Service penetration in the franchise area is no greater than 30%

<u>Category B</u>: Competing systems serve the franchise area¹

<u>Category C</u>: A municipally-owned system serves the franchise area²

For brevity, I will refer to these criteria of competition as, respectively, 30% penetration, overbuilds, and municipal systems. The prices charged in these "competitive" franchise areas provide the key raw data from which the FCC developed its benchmark prices.

The benchmarks themselves are expressed in terms of the average price per channel a cable system would be allowed to charge for basic cable services. Many cable systems offer two or more basic service packages, often referred to as tiers. In such instances, the basic service prices charged by a cable operator would be tested by comparing its subscriber-weighted average price per channel

¹ To qualify as competitive by this test, a rival system must cover at least 50% of the franchise and obtain a penetration rate above 15%.

² More precisely, the "franchise authority" must offer a video programming service that is available in over 50% of the franchise area.

to the estimated price — the benchmark — that a comparable "competitive" system would charge. In the example below, the weighted average price per channel is $82.9\rlap/c$, according to the FCC formula, which involves dividing the subscriber-weighted average price by the subscriber-weighted number of channels. The subscriber-weighted price is \$11.60 ($10 \times 500/500 + 8 \times 100/500 = 11.6$) and the subscriber-weighted number of channels is $14 \times 100/500 = 11.6$) and the subscriber-weighted number of channels is $14 \times 100/500 = 14$, which gives $82.9\rlap/c$ (\$11.60/14 = $82.9\rlap/c$).

<u>Tier</u>	<u>Price</u>	<u>Subscribers</u>	<u>Channels</u>
Basic	\$1 0	500	10
Expanded Basic	\$8	100	20

Using the sub-sample of the cable system franchises it selected, the FCC developed its benchmarks by estimating an equation relating the average price per channel charged by a cable system in a franchise area, calculated in this fashion, to four factors: (1) system subscribers, (2) number of channels available in all regulated tiers, (3) number of satellite-delivered channels in all regulated tiers, and (4) whether effective competition exists in the franchise.

The form of the equation estimated by the FCC assumes that the prices charged in a "competitive franchise" are lower by a uniform proportion than the prices charged in a non-competitive franchise by a system offering the same services and having the same number of system-wide subscribers. So, for the purpose of developing benchmarks, the key parameter is this uniform competitive discount. The estimate of the competitive discount obviously depends critically on the service prices charged in the "competitive" franchises in the sample.

The equation estimated by the FCC was translated into a series of tables displaying the benchmark price — the average price per channel that a "competitive" system would be predicted to charge — as a function of attributes of cable systems. Examples of FCC benchmarks for systems having 200 subscribers and 800 subscribers are displayed in the following table.

Benchmark Price/Channel, 200 Subscribers

-	To	otal Basic Channe	ls
Satellite Channels	12	24	<u>50</u>
6	\$1.436	\$0.776	\$ 0. 4 04
16	-	\$0.856	\$ 0.446
30	<u></u>		\$0.476

Benchmark Price/Channel, 800 Subscribers

-	To	otal Basic Channe	<u>ls</u>
Satellite Channels	<u>12</u>	24	<u>50</u>
6	\$1.397	\$0.755	\$0.393
16	_	\$0.833	\$0.434
30			\$ 0. 46 3

in the practice of keeping. To provide a cost justification of basic service rates, it would be necessary to separate those costs a system incurs in the provision of basic services from the costs it incurs to provide those services not subject to regulation. Moreover, since some of the costs of the current service provided by a cable system were incurred some time in the past, good historical data are necessary to portray accurately the cost of services now being provided by cable systems.

Cable systems often find it impossible or extremely difficult to provide such data. Cost accounts are often kept in terms of functional cost categories, such as service calls, or plant maintenance. Records frequently do not provide enough information to distinguish, within a category, between basic and pay service costs. As for records of assets used to provide current cable service that were acquired in the past, finding cost records containing sufficient detail to reasonably apportion those costs between basic and pay services is even more challenging. When they simply no longer exist, or can only be reclaimed through a time-consuming search, the recourse to a cost-of-service justification may be of little value.

Even those small systems that have maintained and preserved the necessary cost records would have to prepare whatever analyses are required to implement the methodology that is adopted to estimate the cost of regulated services. The burden that would be imposed on such systems of developing a cost-of-service justification makes it quite important that a system of benchmark regulation establish reasonable price caps.

I will now turn to a discussion of what I see as some of the deficiencies of the FCC benchmarks.

1. Inaccurate Data

The portrayal of service prices, subscriber numbers and channel carriage contained in the FCC's database is not always accurate. That is clear from spot checks performed under my direction and also from a comparison of the FCC database with a "corrected" version of the database prepared by the National Cable Television Association. It would be very laborious to develop a comprehensive evaluation of the error rates in the FCC database, the average size of the errors, and the effect of those errors on the benchmarks calculated by the FCC. Although such an evaluation would be quite useful, I am not aware that anyone has undertaken it. In its absence, all that can be said is that errors in the FCC data may have led to inappropriate benchmarks.

2. Small Sample Size

Of the 377 franchises used to develop the benchmarks, the overwhelming share are "non-competitive", according the FCC's classification scheme. They would have had only a minor effect on the statistical derivation of "competitive" benchmarks — as indeed should be the case, given the objective of obtaining a benchmark that describes the cable service prices that emerge in competitive markets.

The equation used by the FCC to generate the benchmarks is estimated from a sample containing 45 small "competitive" cable systems. Within the

group of small competitive systems, there are only two representatives of systems having between 500 and 750 subscribers, and only five with between 750 and 1000. There are various ways of quantifying the imprecision introduced by sample size in the development of competitive benchmarks. One useful measure relates to the variable in the FCC's equation characterizing whether or not a service is "competitive".

Table 1: Small Systems in the FCC Sample

			Competitive		
System Subscribers	Not Competitive	30% Penetration	Private Overbuilds	Municipal Markets	Category Total
0 to 50	4	5	0	1	10
50 to 100	5	7	0	0	12
100 to 250	19	7	4	1	31
250 to 500	25	9 -	0	4	38
500 to 750	15	1	1	0	17
750 to 1000	9	3	2	0	14
TOTAL	77	32	7	6	122

According to the FCC's analysis, service prices are 9% lower in "competitive" franchises, other factors equal. If two systems have identical numbers of subscribers and channels, but one operates in a "competitive" franchise and the other does not, the FCC would predict that service prices in the competitive franchise would be 9% lower. But in actuality, that estimate is subject to uncertainty, which can be quantified. The probability is 95% that franchise competition reduces prices <u>somewhere</u> between 3.5% and 14.1%. In calculating its benchmarks, the FCC has assumed that competition uniformly

reduces service prices by 9%, which is close to the midpoint of this interval. But we can be 95% sure, according to the FCC's equation, only that prices charged in "competitive" franchise areas are somewhere between 3.5% and 14.1% below the prices charged in areas classified as non-competitive.

Even the figure of 45 almost certainly overstates the number of cable systems in the database capable of providing a reliable guide to "competitive" prices. Six of the small cable systems qualify as competitive because they are municipally owned or compete with a municipal cable system. But in those markets, prices may well be below the cost of a private sector operator, because municipal cable services have unique cost advantages. In addition, six of the seven private overbuilds involving small systems have existed five years or less (five of these have been competing less than four years). Such short-term competition is typically characterized by price wars, during which prices are often held well below average total cost. If the short-term overbuilds (lasting five years or less) and markets involving municipal systems are removed, the FCC sample contains only 33 small "competitive" cable franchises.

Small Systems with Competitive Franchises

Competition Criteria	FCC Data	Excluding Questionable Franchises
30% Penetration	32	32
Private Overbuilds	7	1
Municipal Franchises	6	0
Total	45	33

3. Inappropriate Choice of Benchmark Systems

Markets involving municipal cable systems and short-term overbuilds cannot be expected to provide a reliable guide to the prices that characterize sustainable competition between private cable systems. A municipal cable system has cost advantages unavailable to private cable systems, including access to inexpensive finance (tax exempt bonds), use of public rights-of-way at no charge, and exemption from franchise fees and property taxes. These considerations would lead to the expectation that prices charged by municipal systems tend to be lower than the prices charged by competing private cable systems.

That does indeed seem to be true of the cable systems in the FCC database. The "competition" variable in the FCC's benchmark equation indicates whether the system qualifies as being classified as competitive by any of the three FCC tests (30% penetration, private overbuild, municipal system). We replaced that single variable in our analysis by separate variables indicating respectively whether or not the system (a) had a penetration rate of 30% or less, (b) was involved in a private overbuild, or (c) was a municipal system. With that reformulation, we re-estimated the FCC equation. The results revealed that basic service prices charged by municipal systems are almost 15% below prices charged by competing private systems, other factors equal.

It is also questionable whether some of the prices charged by competing private systems provide a suitable basis for developing benchmark prices. Cable overbuilds almost invariably precipitate price wars far more drastic than the price competition that occurs in most markets. The reason is not hard to

find. The fixed costs of providing cable service, which include the distribution system, are quite high. Once those costs are incurred, the variable cost of serving a subscriber is relatively low. When cable systems compete head-to-head, each has an incentive to drop its price as low as the variable cost of service, a low figure, if the alternative is to lose subscribers to the rival cable system.

As a case in point, one of the overbuild cable systems in the FCC database is charging \$1.85 for its second tier, which contains 26 satellite-transmitted channels of programming. We determined the channel line-up (the FCC did not ask for such information) and calculated the programming fees that the system would incur for each tier 2 subscriber. That cost alone, assuming the program fees had been charged at "rate card", would have amounted to over \$2.70 per subscriber – 50% above the price being charged by the operator for the service. In practice, cable systems sometimes obtain substantial discounts from a channel supplier's rate card. But even then, this case provides a clear example of a price that is unsustainable over the long run. Benchmarks reflecting price wars could clearly prevent cable systems from recovering their service costs, and the resulting regulation would provide no incentive to continue to supply cable service.

Competitive benchmarks should be developed from instances of enduring competition, in which the rival cable systems have moved beyond the price-war stage to reach a sustainable price equilibrium that allows each to recover its fixed as well as variable service costs. Price wars typically characterize the early years of an overbuild situation. After that, either some form of

consolidation of the two systems occurs or competition persists, but with each rival increasing its price to a sustainable level.

Evidence of this can be found in the FCC detabase. We re-estimated a modified version of the FCC equation, using only those cable systems involved in an overbuild situation, and we added a variable describing how long competition had persisted in each instance. I found that in franchises where the duration of competition was five years or less, prices were 25% lower than in those franchises where competition had endured more than five years. The statistical reliability of this difference is extremely high, which means there is little doubt that the prices associated with short-term competition are substantially lower than the prices that have emerged from more durable competition.³

Removing markets served by municipal systems and short-term overbuilds from the FCC's sample and re-estimating the benchmark equation causes the benchmark prices to increase. The benchmark prices that result, which are reported in the appendix, exceed the FCC's benchmarks by an amount that varies with system size and the channels provided in the basic

³ There is no hard and fast rule governing how long price wars may persist. In some settings, such as gas station competition, spasmodic price wars may recur over very protracted periods of time. But the price wars conducted by competing cable systems appear to be characterized by holding prices very low over sustained periods of times rather than intermittent price cuts. Intuitively, it seems quite unlikely that cable price wars, in which prices are held below average total cost, would persist for over a decade. We tested whether price behavior in franchise areas containing overbuilds seemed to differ systematically with the number of years the overbuild situation had persisted. This was done by adding a binary variable taking on a value of one if competition in the franchise was (so far) "short-term". We tested various definition of "short-term" competition, ranging from competition that has lasted one year or less to competition that has persisted ten years or less. The boundary point having the greatest explanatory power (R-squared) was five years. (See Appendix 2.)

service packages. Depending on those attributes, the benchmarks increase from approximately 7% to 16%.

In order to determine how much the average benchmark price would be raised for systems subject to regulation, we can compare the average price per channel determined by the FCC benchmarks with the corresponding benchmarks when franchises served by municipalities and short-term competitors are excluded. The "noncompetitive" systems in the sample used by the FCC to estimate its benchmarks prices should provide a reasonably accurate profile of the systems that will be subject to regulation. Treating those systems as representative, the average increase in benchmark prices as a result of excluding franchises served by municipal systems and short-term overbuilds can be determined. The results are shown the following table. The higher benchmarks resulting from excluding franchises with short-term competition and

Small System Benchmarks, Eliminating Questionable Franchise Areas Excluding franchises where Increase in Average Benchmark Price 1) competition is recent (5 years or less) 4.0% 2) municipal service is provided 4.2% 3) both (1) and (2)

municipal systems would require 48% of all "non-competitive" systems to lower their rates, if the FCC's sample is representative.

4. Benchmark Prediction Errors

charged by regulated systems, the equation must be able to portray accurately the prices charged by the competitive systems intended to serve as the benchmarks. The reason, on reflection, is clear. Suppose that cable systems A and B are identical in every respect, except that B directly competes with another cable system. The general theory of benchmark regulation would then say that the price charged by B provides the appropriate benchmark for regulating A's price. That is true because the two systems provide identical services and operate in identical environments, so the price charged by B should reveal the price that A woulds are identical in a competitive market.

But, pursuing this example, the benchmark that the FCC plans to apply to system A is not the price charged by B, but rather the price that the FCC's equation predicts that B charges. That makes it important for the benchmark equation to be able to predict accurately the prices charged by the "competitive" systems. To revert again to the previous example, suppose more concretely that system B charges \$20 per month for basic service, but the FCC's equation predicts that it charges \$16 per month. Then system A would be limited to a \$16 price, even though the correct benchmark is \$20. This problem would not arise, obviously, if the equation correctly predicted the prices charged by competitive systems. Whether the FCC equation does accurately predict "competitive" prices is therefore quite important.

In order to accurately predict competitive service prices, it is necessary to take into account all of the factors significantly influencing price formation in competitive markets. For example, cable distribution plant installed underground is considerably more expensive that aerial distribution, and the proportion of plant underground varies widely from one system to another. If that factor has an important influence on prices charged in competitive markets, but is ignored by the equation used to predict competitive service prices, it is quite unlikely that the predictions made by the equation would be very accurate. The FCC equation predicts service prices in competitive markets by taking into account only three factors: the number of subscribers, the number of channels, and the number of satellite-delivered channels.

Whether those three variables are adequate to accurately predict competitive prices is ultimately an empirical matter. The ideal test would be to draw a new, random sample of "competitive" cable systems and determine how accurately their prices are predicted by the FCC equation. An easier test is to examine how well the equation predicts the prices of "competitive" systems in its database. Since the equation estimated by the FCC is based importantly on those particular systems, I would expect it to predict those prices more accurately than prices charged by a new sample of competitive cable systems, or competitive systems in general. In other words, if the equation does not predict accurately the prices of competitive systems in the sample from which it was estimated, it is even less likely to do so when applied to competitive systems in general.

A comparison of the prices charged by small competitive cable systems in the FCC sample with the prices predicted for those systems by the FCC

equation reveals some large errors. The FCC's benchmark equation is incapable of accounting for almost one-half of the price variations among small cable systems. Of the 45 small competitive cable systems in the FCC sample, the FCC's benchmark equation understates the prices charged by 20 of the systems and overstates the prices of the remainder. Both types of errors, of course, are undesirable. But errors in the direction of understating the prices actually charged by the benchmark systems are more serious, since they raise the possibility that comparable systems subject to regulation will be incapable of recovering their costs, and thus threatened with the prospect of going out of business.

The outcome that 20 of the 45 small competitive systems used by the FCC are themselves above the FCC benchmarks can be viewed from a different perspective. Although "noncompetitive" systems charging the same rates would have to reduce their prices, the "competitive" systems do not.

Of the 20 small competitive systems with higher than predicted rates, their prices exceeded by 26% the prices predicted by the FCC equation, on average. To examine these underestimates in more detail, I arranged the 20 cable systems in the order of how much their prices exceeded the predicted prices, and then divided the ordered list into groups of five. I then calculated, for each group of five, the average amount by which the actual price exceeded the price predicted by the FCC. The results are displayed on the following table.

Actual Competitive Prices Relative to Benchmark Prices

1st Quartile 4.2% higher

2nd Quartile 12.3% higher

3rd Quartile 17.4% higher

4th Quartile 85.6% higher

Systems in the lowest quartile charge prices that exceed the FCC benchmarks by an average of 4%. But prices charged by competitive systems in the fourth quartile are fully 85% above the FCC's benchmarks. It is difficult to resist the conclusion that, in such instances, the FCC benchmarks would deprive small cable systems of the opportunity to recover the cost of providing service.

William Shew

Executed on June 18, 1993

Appendix A

Systems with 50 subscribers, 5 to 24 channels: Prices per Channel

Satellite	Total o	hannel	s on reg	julated	tiers																Satellite
Channels	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Channels
0	\$2.914	\$2.490	\$2.180	\$1.942	\$1.755	\$1.002	\$1.478	\$1.300	\$1.277	\$1.198	\$1.129	\$1.008	\$1.013	\$0.965	\$0.921	\$0.881	\$0.844	\$0.811	\$0.781	\$0.752	1 0
1	\$2.914	\$2.490	\$2.180	\$1.942	\$1.755	\$1.602	\$1.476	\$1.369	\$1.277	\$1.198	\$1.129	\$1.068	\$1.013	\$0.965	\$0.921	30.861	\$0.844	\$0.811	\$0.781	\$0.752	1
2	\$3.193	\$2.728	\$2.388	\$2.128	\$1.923	\$1.755	\$1.617	\$1.500	\$1.400	\$1.313	\$1.237	\$1.170	\$1.110	\$1.057	\$1.009	\$0.965	\$0.925	\$0.889	\$0.855	\$0.824	2
3	\$3.368	\$2.878	\$2.519	\$2.245	\$2.028	\$1.852	\$1.706	\$1.582	\$1.476	\$1.385	\$1.305	\$1.234	\$1.171	\$1.115	\$1.064	\$1.018	\$0.976	\$0.938	\$0.902	\$0.870	3
4	\$3.499	\$2.989	\$2.617	\$2.332	\$2.106	\$1.923	\$1.771	\$1.643	\$1.534	\$1.439	\$1.355	\$1.282	\$1.217	\$1.158	\$1.105	\$1.057	\$1.014	\$0.974	\$0.937	\$0.903	4
5	\$3.603	\$3.078	\$2.695	\$2.401	\$2.169	\$1.981	\$1.824	\$1.692	\$1.579	\$1.481	\$1.396	\$1.320	\$1.253	\$1.193	\$1.138	\$1.089	\$1.044	\$1.003	\$0.965	\$0.930	5
6	1	\$3.153	\$2.760	\$2.460	\$2.222	\$2.029	\$1.869	\$1.733	\$1.618	\$1.517	\$1.430	\$1.352	\$1.283	\$1.222	\$1.166	\$1.115	\$1.069	\$1.027	\$0.989	\$0.953	6
7	i		\$2.817	\$2.510	•	\$2.071	\$1.907	\$1.769					\$1.310	•	•				\$1.009	\$0.972	7
8	1			\$2.555	•	•	•	• • • • • •	<u> </u>	<u> </u>		•	\$1.333	•	•			\$1.067		\$0.990	8
9	Į.				\$2.344	• -	\$1.971	•	\$1.707	******			\$1.354	•					•	\$1.005	9
10	1					\$2.170	\$1.999	•	•				1 . 1			\$1.193	\$1.144	\$1.099	\$1.057	\$1.019	10
11	1						\$2.024	•				1		\$1.323		\$1.208	•	\$1,113		\$1.032	111
12	1							\$1.899	\$1.772	• • •	\$1.567	\$1.482	*	\$1.338		· · · · · · · · · · · · · · · · · · ·	\$1.172		\$1.063	\$1.044	12
13	ł								\$1,791	•	\$1.583	•		\$1.363	*	\$1.235		\$1.137	\$1.095	\$1.055	13
14	1									\$1.697	\$1.590	•	\$1.435	\$1.306	\$1.304	\$1.247			\$1.105	\$1.066	14
15	l										\$1.513	\$1.526	•	\$1.378		\$1.200		\$1.150	\$1.115	•	15
16												\$1.539	\$1.460	•			4	\$1.109	•		16
17	1												\$1.472				\$1.227				17
18	1													\$1.412	\$1.347	•		\$1.187	\$1.143		18
19	ŀ														\$1.357		\$1.245	•	\$1.151		
20	1															\$1.307		\$1.204		-	
21	l																\$1.261	\$1.212			
22																		\$1.219	\$1.173		
23	1																		\$1.180	\$1.138	
24	 					46	44		42	4.2	48	46		46	46					\$1.144	24
	Total	6 -bannal	7 le en re	8 audatad	9 Hare	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	1
	1001	CHANNE	s on re	gulated	uvis									···							

Systems with 100 subscribers, 5 to 24 channels: Prices per Channel

Satellite	Total c	hannel	on reg	julated	tiers																Satellite
Channels	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Channels
0	\$2.707	\$2.313	\$2.025	\$1.804	\$1.630	\$1.488		• • • • •	•	\$1.113		\$0.992	\$0.941	\$0.896	\$0.855	\$0.818	\$0.784		\$0.725	\$0.699	0
	\$2.707	V	40.000	\$1.804	\$1.630	•	•	\$1.271	•	•	•	\$0.982	\$0.941	\$0.896	\$0.855	\$0.818	\$0.784		•	\$0.699	1
-		V	\$2.218		•		•		• : :	T	\$1.149	•		\$0.982	\$0.937	\$0.886	\$0.859		\$0.794	\$0.766	2
	\$3.129	V	\$2.340	V =				•	• • • • • •		\$1.212			\$1.036	\$0.988	\$0.946	\$0.907		•	\$0.808	3
	,	V	•					•	•	•	\$1.250	•	•			\$0.962	\$0.942	•	\$0.870	\$0.839	4
5	\$3.347	•		+-	\$2.015		•	• • • • •	• • • • • • • •		\$1.296	•	• • • • •		\$1.057			*****	\$0.896	\$0.864	5
6	1	\$2.929	\$2.564	\$2.285		\$1.885	•	•	•	•	\$1.328	•	\$1.192		•	•			\$0.918	\$0.885	5
7	ſ		\$2.617	•	\$2.106	•	•	-	<u> </u>				\$1.216	•	•		•	• • • • •	\$0.937	\$0.903	1 4
8				\$2.3/3	\$2.144		\$1.803				\$1.379	\$1.305		\$1.178	•	• • • • •	•		\$0.954	\$0.919	
9					\$2.177	\$1.988	\$1.831	\$1.698			\$1.401 \$1.420	\$1.325	\$1.257	•	\$1.142		•	\$1.007	\$0.969	\$0.934	1 40
10	l					\$2.010	\$1.857	\$1.722	•	•	\$1.438	\$1.344 \$1.361	\$1.275 \$1.291	¥	\$1.173		•	\$1.021	\$0.982 \$0.995	\$0.947 \$0.959	10
11							3 1.000	•	•		\$1.455	\$1.376				\$1.122			\$1.006	\$0.970	12
12	İ							\$1.704	-	-						\$1.147	•		\$1.005	30.900	13
13									\$1.00	•	•		\$1.333	+		\$1.158		•	\$1.027	\$0.990	14
14	ŀ									\$1.570			\$1.345		* · · · · · ·	\$1.169	V		\$1.036	\$0.999	15
15 16	l										41.400		\$1.357			\$1.179	* · · · · - ·		\$1.045		16
17												41.724		\$1.302			•	\$1.095	•		17
18	1												41.501	* • • • = = ==		*****	•	\$1.103	•	•	18
19	l													41.011				\$1.111			19
20	1														* • • • • • • • • • • • • • • • • • • •			\$1.118			20
21	1															·		\$1.125			21
22	1																+ -			\$1.050	
23	l																			\$1.057	23
24	1																			\$1.063	
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	Total o	channel	s on re	gulated	tiers																1

Systems with 50 subscribers, 25 to 100 channels: Prices per Channel

Channels 0	Satellite	Total o	channel	s on re	gulated	tiers				· · · · · · · · · · · · · · · · · · ·		*	· · · · · · · · · · · · · · · · · · ·						Satellite
5 \$0.898 \$0.767 \$0.872 \$0.599 \$0.541 \$0.494 \$0.485 \$0.422 \$0.384 \$0.389 \$0.329 \$0.329 \$0.322 \$0.287 \$0.284 \$0.271 \$0.984 \$0.841 \$0.738 \$0.982 \$0.625 \$0.671 \$0.488 \$0.462 \$0.431 \$0.485 \$0.427 \$0.402 \$0.380 \$0.381 \$0.382 \$0.331 \$0.297 \$0.297 \$0.808 \$0.776 \$0.699 \$0.625 \$0.575 \$0.485 \$0.465 \$0.447 \$0.440 \$0.380 \$0.381 \$0.344 \$0.328 \$0.314 \$0.328 \$0.328 \$0.328 \$0.328 \$0.344 \$0.344	Channels	25	30	35	40	45		55	60	65	70	75	80	85	90	95	100		Channels
10	0	\$0.726	\$0.621	\$0.543	\$0.484	\$0.437	\$0.399	\$0.368	\$0.341	\$0.318	\$0.299	\$0.281	\$0.266	\$0.253	\$0.240	\$0.229	\$0.220		0
\$1.038 \$0.887 \$0.776 \$0.692 \$0.625 \$0.571 \$0.526 \$0.488 \$0.455 \$0.427 \$0.402 \$0.380 \$0.381 \$0.344 \$0.328 \$0.314 \$0.328 \$0.328 \$0.314 \$0.328 \$0.328 \$0.314 \$0.328 \$0	5	\$0.898	\$0.767	\$0.672	\$0.599	\$0.541	\$0.494	\$0.455	\$0.422	\$0.394	\$0.369	\$0.346	\$0.329	\$0.312	\$0.297	\$0.284	\$0.271		5
\$1.078 \$0.921 \$0.806 \$0.719 \$0.849 \$0.593 \$0.546 \$0.506 \$0.473 \$0.443 \$0.418 \$0.395 \$0.385 \$0.387 \$0.341 \$0.326 \$0.326 \$1.110 \$0.949 \$0.830 \$0.740 \$0.888 \$0.610 \$0.562 \$0.521 \$0.487 \$0.457 \$0.430 \$0.407 \$0.395 \$0.385 \$0.387 \$0.351 \$0.336 \$0.395 \$0.395 \$0.385 \$0.972 \$0.851 \$0.758 \$0.685 \$0.625 \$0.625 \$0.521 \$0.487 \$0.489 \$0.441 \$0.417 \$0.395 \$0.385 \$0.389 \$0.344 \$0.349 \$0.395 \$0.344 \$0.489 \$0.488 \$0.441 \$0.417 \$0.395 \$0.385 \$0.385 \$0.385 \$0.344 \$0.385 \$0.385 \$0.385 \$0.385 \$0.385 \$0.385 \$0.385 \$0.385 \$0.385 \$0.385 \$0.385 \$0.545 \$0.585 \$0.518 \$0.486 \$0.445 \$0.433 \$0.441 \$0.391 \$0.393 \$0.385 \$0.387 \$0.385 \$0.387 \$0.385 \$0.387 \$0.385 \$0.387 \$0.385 \$0.387 \$0.385 \$0.385 \$0.385 \$0.441 \$0.417 \$0.391 \$0.391 \$0.373 \$0.385 \$0.387 \$0.385 \$0.885 \$0.624 \$0.885 \$0.624 \$0.685 \$0.485 \$0.433 \$0.400 \$0.417 \$0.397 \$0.385 \$0.385 \$0.385 \$0.624 \$0.685 \$0.624 \$0.685 \$0.624 \$0.685 \$0.624 \$0.685 \$0.440 \$0.417 \$0.446 \$0.423 \$0.403 \$0.386 \$0.385 \$0.385 \$0.585 \$0.585 \$0.585 \$0.585 \$0.585 \$0.585 \$0.585 \$0.585 \$0.624 \$0.685 \$0.440 \$0.417 \$0.446 \$0.423 \$0.403 \$0.386 \$0.387 \$0.585 \$0.585 \$0.585 \$0.585 \$0.585 \$0.585 \$0.585 \$0.624 \$0.405 \$0.405 \$0.405 \$0.405 \$0.405 \$0.397 \$0.446 \$0.425 \$0.405 \$0.405 \$0.397 \$0.446 \$0.425 \$0.405 \$0	10	\$0.984	\$0.841	\$0.736	\$0.656	\$0.592	\$0.541	\$0.496	\$0.462	\$0.431	\$0.405	\$0.381	\$0.361	\$0.342	\$0.326	\$0 .311	\$0.297	·	10
\$1.110 \$0.949 \$0.830 \$0.740 \$0.668 \$0.610 \$0.562 \$0.521 \$0.487 \$0.457 \$0.430 \$0.407 \$0.386 \$0.367 \$0.381 \$0.336 \$0.397 \$0.381 \$0.336 \$0.972 \$0.851 \$0.758 \$0.685 \$0.625 \$0.578 \$0.534 \$0.499 \$0.468 \$0.441 \$0.417 \$0.395 \$0.396 \$0.359 \$0.344 \$0.397 \$0.361 \$0.365 \$0.868 \$0.774 \$0.699 \$0.638 \$0.585 \$0.545 \$0.599 \$0.477 \$0.450 \$0.425 \$0.404 \$0.384 \$0.387 \$0.361 \$0.367 \$0.361 \$0.787 \$0.711 \$0.649 \$0.598 \$0.555 \$0.518 \$0.468 \$0.443 \$0.443 \$0.443 \$0.443 \$0.433 \$0.441 \$0.397 \$0.397 \$0.387 \$0.387 \$0.387 \$0.387 \$0.387 \$0.722 \$0.669 \$0.616 \$0.571 \$0.533 \$0.600 \$0.471 \$0.466 \$0.423 \$0.403 \$0.388 \$0.388 \$0.388 \$0.5624 \$0.699 \$0.661 \$0.571 \$0.533 \$0.600 \$0.477 \$0.461 \$0.428 \$0.403 \$0.408 \$0.388 \$0.388 \$0.389 \$0.381 \$0.552 \$0.548 \$0.512 \$0.649 \$0.481 \$0.442 \$0.421 \$0.402 \$0.384 \$0.397 \$0.487 \$0.487 \$0.487 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 \$0.387 \$0.487 \$0.487 \$0.487 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 \$0.387 \$0.487 \$0.487 \$0.487 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 \$0.387 \$0.487 \$0.487 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 \$0.388 \$0.487 \$0.487 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 \$0.487 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 \$0.487 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 \$0.487 \$0.488 \$	15	\$1.038	\$0.887	\$0.776	\$0.692	\$0.625	\$0.571	\$0.526	\$0.486	\$0.455	\$0.427	\$0.402	\$0.380	\$0.361	\$0.344	\$0.328	\$0.314		15
\$0.972 \$0.851 \$0.758 \$0.685 \$0.625 \$0.576 \$0.534 \$0.499 \$0.468 \$0.441 \$0.417 \$0.395 \$0.376 \$0.359 \$0.344 \$0.384 \$0.387 \$0.385 \$0.367 \$0.361 \$0.888 \$0.774 \$0.699 \$0.638 \$0.585 \$0.555 \$0.518 \$0.485 \$0.485 \$0.441 \$0.381 \$0.373 \$0.387 \$0.487 \$0	20	\$1.078	\$0.921	\$0.806	\$0.719	\$0.649	\$0.593	\$0.546	\$0.506	\$0.473	\$0.443	\$0.418	\$0.395	\$0.375	\$0.357	\$0.341	\$0.326		20
\$0.868 \$0.774 \$0.899 \$0.638 \$0.588 \$0.545 \$0.509 \$0.477 \$0.450 \$0.425 \$0.404 \$0.384 \$0.367 \$0.351 \$0.771 \$0.649 \$0.598 \$0.555 \$0.518 \$0.486 \$0.458 \$0.433 \$0.411 \$0.391 \$0.373 \$0.367 \$0.367 \$0.722 \$0.860 \$0.607 \$0.563 \$0.526 \$0.493 \$0.465 \$0.440 \$0.417 \$0.397 \$0.399 \$0.363 \$0.669 \$0.616 \$0.571 \$0.533 \$0.600 \$0.477 \$0.461 \$0.428 \$0.423 \$0.403 \$0.384 \$0.388 \$0.388 \$0.555 \$0.624 \$0.579 \$0.540 \$0.579 \$0.540 \$0.677 \$0.451 \$0.428 \$0.408 \$0.389 \$0.372 \$0.555 \$0.585 \$0.546 \$0.512 \$0.483 \$0.483 \$0.481 \$0.438 \$0.417 \$0.398 \$0.391 \$0.377 \$0.552 \$0.585 \$0.546 \$0.552 \$0.588 \$0.483 \$0.485 \$0.441 \$0.488 \$0.421 \$0.402 \$0.394 \$0.377 \$0.451 \$0.460 \$0.477 \$0.461 \$0.460 \$0.477 \$0.461 \$0.460 \$0.398 \$0.317 \$0.552 \$0.585 \$0.585 \$0.588 \$0.483 \$0.485 \$0.481 \$0.438 \$0.417 \$0.398 \$0.391 \$0.552 \$0.497 \$0.451 \$0.460 \$0.442 \$0.421 \$0.402 \$0.394 \$0.397 \$0.451 \$0.455 \$0.465 \$0.460 \$0.398 \$0.391 \$0.474 \$0.460 \$0.428 \$0.460 \$0.481 \$0.402 \$0.394 \$0.477 \$0.451 \$0.460 \$0.470 \$0.481 \$0.402 \$0.394 \$0.391 \$0.474 \$0.480 \$0.481 \$0.402 \$0.394 \$0.471 \$0.470 \$0.481 \$0.470 \$0	25	\$1.110	\$0.949	\$0.830	\$0.740	\$0.668	\$0.610	\$0.562	\$0.521	\$0.487	\$0.457	\$0.430	\$0.407	\$0.386	\$0.367	\$0.351	\$0.336		25
\$0.787 \$0.711 \$0.649 \$0.598 \$0.565 \$0.518 \$0.486 \$0.458 \$0.433 \$0.411 \$0.391 \$0.373 \$0.367 \$0.367 \$0.722 \$0.680 \$0.607 \$0.583 \$0.526 \$0.493 \$0.486 \$0.440 \$0.417 \$0.397 \$0.379 \$0.383 \$0.386 \$0.669 \$0.616 \$0.571 \$0.533 \$0.600 \$0.471 \$0.446 \$0.423 \$0.403 \$0.394 \$0.386 \$0.388 \$0.602 \$0.624 \$0.579 \$0.540 \$0.607 \$0.477 \$0.461 \$0.428 \$0.408 \$0.398 \$0.372 \$0.565 \$0.548 \$0.512 \$0.565 \$0.518 \$0.483 \$0.467 \$0.433 \$0.412 \$0.394 \$0.377 \$0.386 \$0.552 \$0.518 \$0.488 \$0.481 \$0.498 \$0.417 \$0.398 \$0.391 \$0.391 \$0.552 \$0.52 \$0.518 \$0.497 \$0.446 \$0.423 \$0.402 \$0.394 \$0.391 \$0.391 \$0.552 \$0.523 \$0.497 \$0.446 \$0.425 \$0.408 \$0.398 \$0.391 \$0.497 \$0.446 \$0.425 \$0.408 \$0.497 \$0.495 \$0.498 \$0.497 \$0.	30	1	\$0.972	\$0.851	\$0.758	\$0.685	\$0.625	\$0.576	\$0.534	\$0.499	\$0.468	\$0.441	\$0.417	\$0.395	\$0.376	\$0.359	\$0.344		30
\$0.722 \$0.660 \$0.607 \$0.563 \$0.625 \$0.465 \$0.465 \$0.440 \$0.417 \$0.397 \$0.379 \$0.363 \$0.665 \$0.669 \$0.616 \$0.571 \$0.533 \$0.500 \$0.471 \$0.446 \$0.423 \$0.403 \$0.384 \$0.388 \$0.555 \$0.669 \$0.669 \$0.669 \$0.679 \$0.579 \$0.585 \$0.546 \$0.577 \$0.477 \$0.461 \$0.426 \$0.403 \$0.384 \$0.388 \$0.372 \$0.585 \$0.585 \$0.546 \$0.512 \$0.483 \$0.487 \$0.433 \$0.412 \$0.384 \$0.377 \$0.555 \$0.552 \$0.518 \$0.485 \$0.481 \$0.438 \$0.417 \$0.388 \$0.381 \$0.555 \$0.523 \$0.483 \$0.481 \$0.438 \$0.417 \$0.388 \$0.381 \$0.497 \$0.497 \$0.446 \$0.425 \$0.405 \$0.388 \$0.497 \$0.470 \$0.446 \$0.425 \$0.405 \$0.388 \$0.497 \$0.474 \$0.490 \$0.425 \$0.405 \$0.388 \$0.497 \$0.455 \$0.455 \$0.405 \$0.388 \$0.457 \$0.435 \$0.435 \$0.418 \$0.400 \$0.418 \$0.400	35	1		\$0.868	\$0.774	\$0.699	\$0.638	\$0.588	\$0.545	\$0.509	\$0.477	\$0.450	\$0.425	\$0.404	\$0.384	\$0.367	\$0.351		35
\$0.669 \$0.616 \$0.571 \$0.533 \$0.500 \$0.471 \$0.446 \$0.423 \$0.403 \$0.384 \$0.368 \$0.624 \$0.624 \$0.579 \$0.840 \$0.807 \$0.477 \$0.461 \$0.428 \$0.408 \$0.389 \$0.372 \$0.585 \$0.585 \$0.585 \$0.545 \$0.512 \$0.483 \$0.467 \$0.433 \$0.412 \$0.384 \$0.377 \$0.552 \$0.518 \$0.488 \$0.481 \$0.438 \$0.417 \$0.388 \$0.381 \$0.402 \$0.384 \$0.577 \$0.552 \$0.518 \$0.488 \$0.481 \$0.438 \$0.417 \$0.388 \$0.381 \$0.497 \$0.497 \$0.470 \$0.448 \$0.425 \$0.402 \$0.384 \$0.385 \$0.497 \$0.470 \$0.448 \$0.425 \$0.405 \$0.388 \$0.497 \$0.474 \$0.480 \$0.428 \$0.400 \$0.381 \$0.454 \$0.455 \$0.405 \$0.385 \$0.455 \$0	40	1			\$0.787	\$0.711	\$0.649	\$0.598	\$0.555	\$0.518	\$0.486	\$0.458	\$0.433	\$0.411	\$0.391	\$0.373	\$0.357		40
\$0.624 \$0.579 \$0.840 \$0.807 \$0.481 \$0.428 \$0.408 \$0.389 \$0.372 \$0.585 \$0.546 \$0.512 \$0.483 \$0.467 \$0.433 \$0.412 \$0.384 \$0.377 \$0.552 \$0.518 \$0.488 \$0.481 \$0.438 \$0.417 \$0.388 \$0.381 \$0.523 \$0.483 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 \$0.487 \$0.487 \$0.480 \$0.425 \$0.405 \$0.388 \$0.474 \$0.480 \$0.428 \$0.400 \$0.381 \$0.474 \$0.480 \$0.428 \$0.400 \$0.381 \$0.435 \$0.435 \$0.415 \$0.387 \$0.418 \$0.400	45	ļ				\$0.722	\$0.060	\$0.607	\$0.563	\$0.526	\$0.493	30.465	\$0.440	\$0.417	\$0.397	\$0.379	\$0.363		45
\$0.585 \$0.546 \$0.812 \$0.483 \$0.467 \$0.433 \$0.412 \$0.384 \$0.377 \$0.552 \$0.518 \$0.488 \$0.481 \$0.438 \$0.417 \$0.388 \$0.381 70 \$0.523 \$0.483 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 75 \$0.497 \$0.497 \$0.490 \$0.425 \$0.405 \$0.388 80 \$0.474 \$0.480 \$0.428 \$0.409 \$0.381 \$0.454 \$0.432 \$0.412 \$0.384 \$0.435 \$0.415 \$0.397 \$0.418 \$0.400	50	1					\$0.669	\$0.616	\$0.571	\$0.533	\$0.500	\$0.471	\$0.446	\$0.423	\$0.403	\$0.384	\$0.368		50
\$0.552 \$0.518 \$0.486 \$0.481 \$0.438 \$0.417 \$0.388 \$0.381 70 \$0.523 \$0.483 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 75 \$0.497 \$0.470 \$0.448 \$0.425 \$0.405 \$0.388 80 \$0.474 \$0.480 \$0.428 \$0.400 \$0.381 85 \$0.454 \$0.432 \$0.412 \$0.384 90 \$0.435 \$0.415 \$0.387 95 \$0.418 \$0.400	55							\$0.624	\$0.579	\$0.540	\$0.507	\$0.477	\$0.451	\$0.426	\$0.408	\$0.380	\$0.372		55
70 \$0.523 \$0.483 \$0.488 \$0.442 \$0.421 \$0.402 \$0.384 75 \$0.497 \$0.470 \$0.446 \$0.425 \$0.406 \$0.388 80 \$0.474 \$0.480 \$0.426 \$0.400 \$0.391 85 \$0.454 \$0.432 \$0.412 \$0.394 90 \$0.435 \$0.415 \$0.397 95 \$0.418 \$0.400	60	1							\$0.585	\$0.546	\$0.512	\$0.483	\$0.457	\$0.433	\$0.412	\$0.304	\$0.377		60
75 \$0.497 \$0.470 \$0.446 \$0.425 \$0.406 \$0.368 \$0.888 \$0.474 \$0.480 \$0.426 \$0.408 \$0.391 \$0.454 \$0.454 \$0.432 \$0.412 \$0.394 \$0.435 \$0.415 \$0.397 \$0.418 \$0.400	65	1								\$0.552	\$0.518	\$0.488	\$0.461	\$0.436	\$0.417	\$0.306	\$0.361		65
\$0.474 \$0.480 \$0.428 \$0.409 \$0.391 85 \$0.454 \$0.432 \$0.412 \$0.394 90 \$0.435 \$0.415 \$0.397 95 \$0.418 \$0.400	70	1									\$0.523	\$0.483	30.486	30,442	\$0.421	\$0.402	\$0.384		70
\$0.454 \$0.432 \$0.412 \$0.394 90 \$0.435 \$0.415 \$0.397 95 \$0.418 \$0.400	75	l										\$0.497	\$0.470	\$0.446	\$0.425	\$0.406	\$0.388		75
90 95 95 \$0.435 \$0.415 \$0.367 \$0.418 \$0.400	80	1											\$0.474	\$0.450	\$0.426	\$0.400	\$0.301		80
90 \$0.435 \$0.415 \$0.367 95 \$0.418 \$0.400	85	1												\$0.454	\$0.432	\$0.412	\$0.394		85
95 \$0.418 \$0.400		ļ													\$0.435	\$0.415	\$0.307		90
		1											•			\$0.418	\$0.400		95
		1											•						100
	1																		1
	I																		1
	1	1																	1
	ı																		I
25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100		25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100		
Total channels on regulated tiers		Total	channe	is on re	gulated	i tiers													I

Systems with 100 subscribers, 25 to 100 channels: Prices per Channel

atellite	Total c	hannel	s on reg	julated	tiers												Satellite
Channels	25	30	35	40	45	50_	55	60	65	70	75	80	85	90	95	100	Channels
0	\$0.675	\$0.576	\$0.505	\$0.450	\$0.406	\$0.371	\$0.342	\$0.317	\$0.286	\$0.277	\$0.261	\$0.247	\$0.235	\$0.223	\$0.213	\$0.204	0
5	\$0.834	\$0.713	\$0.624	\$0.556	\$0.502	30.450	\$0.422	\$0.392	\$0.386	\$0.343	\$0.323	\$0.366	\$0.290	\$0.276	\$0.264	\$0.252	5
10	\$0.914	\$0.781	\$0.684	\$0.609	\$0.560	\$0.502	\$0.463	\$9.429	\$0.401	\$0.376	30.364	\$0.336	\$0.318	\$0.303	\$0.289	\$0.276	} 10
15	\$0.964	\$0.824	\$0.721	\$0.643	\$0.500	\$0.530	\$0.486	\$0.453	\$0.423	\$0.396	\$0.374	30.353	\$0.335	\$0.319	\$0.305	\$0.291	15
20	\$1.001	\$0.856	\$0.749	\$0.667	\$0.603	\$0.551	\$0.507	\$0.470	\$0.439	\$0.412	\$0.386	\$0.367	\$0.348	\$0.331	\$0.316	\$0.303) 20
25	\$1.031	\$0.881	\$0.771	\$0.687	\$0.621	\$0.567	\$0.522	\$0.484	\$0.452	\$0.424	\$0.400	\$0.378	\$0.359	\$0.341	\$0.326	\$0.312	25
30	1	\$0.903	\$0.790	\$0.704	\$0.636	\$0.581	\$0.535	\$0.496	\$0.463	\$0.434	\$0.409	\$0.387	\$0.367	\$0.350	\$0.334	\$0.319	30
35	1		\$0.806	\$0.719	\$0.649	\$0.593	\$0.546	\$0.506	\$0.473	\$0.443	\$0.418	\$ 0.3 95	\$0.375	\$0.357	\$0.341	\$0.326	35
40	İ			\$0.731	\$0.661	\$0.603	\$0.556	\$0.515	\$0.481	\$0.451	\$0.425	\$0.402	\$0.382	\$0.363	\$0.347	\$0.332	40
45	}				\$0.671	\$0.613	\$0.564	\$0.523	\$0.488	\$0.458	\$0.432	\$0.406	\$0.387	\$0.369	\$0.362	\$0.337	45
50						\$0.621	\$0.572			\$0.465	\$0.438	\$0.414	\$0.393	\$0.374	\$0.357	\$0.341	50
55	i						\$0.579	\$0.537	\$0.502	\$0.470	\$0.443	\$0.419	\$0.396	\$0.379	\$0.361	\$0.346	55
60								\$0.544	\$0.507	\$0.476	\$0.448	\$0.424	\$0.402	\$0.363	\$0.366	\$0.360	60
65	1								\$0.513	\$0.481	\$0.453	\$0.429	\$0.407	\$0.387	\$0.360	\$0.353] 65
70	Į.									\$0.486	\$0.458	\$0.433	\$0.411	\$0.301	\$0.373	\$0.367	70
75	İ										\$0.462	\$0.437		\$0.306		\$0.300	75
80	1											\$0.440	\$0.418	\$0.396	\$0.380	\$0.363	80
85	1												\$0.421	\$0.401	\$0.363	\$0.366	85
90	1													\$0.404	\$0.386	\$0.369	90
95															\$0.388	\$0.372	95
100	1															\$0.374	100
	1																(
	1																
	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	Ì
	Total	channel	s on re	gulated	tiers												

Systems with 250 subscribers, 5 to 24 channels: Prices per Channel

Satellite	Total c	hannel	s on reg	gulated	tiers																Satellite
Channels	5	6	7	8	9	10_	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Channels
0	\$2.590	\$2.213	\$1.937	\$1.726	\$1.559	\$1.424	\$1.311	\$1.216	\$1.135	\$1.065	\$1.003	\$0.949	\$0.901	\$0.857	\$0.818	\$0.783	\$0.750	\$0.721	\$0.694	\$0.669	0
1	\$2.590	\$2.213	\$1.937	\$1.726	\$1.5 59	\$1.424	\$1.311	\$1.216	\$1.135	\$1.065	\$1.003	\$0.949	\$0.901	\$0.857	\$0.818	\$0.783	\$0.750	\$0.721	\$0.694	\$0.669	1
2	\$2.837	\$2.424	\$2.122	\$1.891	\$1.708	\$1.500	-	\$1.333	-	•	•	\$1.040	\$0.967	\$0.939	\$0.896	\$0.858	\$0.822	\$0.790	\$0.760	\$0.733	2
3	\$2.993	\$2.557	\$2.239	\$1.995	*	\$1.645		•			•	\$1.097	\$1.041	\$0.991	\$0.946	\$0.905	\$0.867	\$0.833	\$0.802	\$0.773	3
	\$3.109	•	V	\$2.072	•	•	•	\$1.460			•			\$1.029	\$0.982	\$0.940	\$0.901	\$0.865	\$0.833	\$0.803	4
5	\$3.202	V	•	\$2.134	•	\$1.760	\$1.621	-	-		\$1.240	-	•	•	•		\$0.928	\$0.891	\$0.858	\$0.827	5
6	l	\$2.802	•	\$2.186		•				-	\$1.270	•	•	•	•				\$0.878	\$0.847	6
7	Ī		\$2.503	\$2.231		\$1.840		•	•	•	\$1.297		•			•		\$0.932	\$0.896	\$0.864	7
8	1			\$2.270	•		•	7 .	-	2	\$1.320	-	•	•		•	\$0.987	\$0.948	\$0.912	\$0.880	
9	ŀ				\$2.063	•	•	•	•	•	•		•		\$1.093		*****	\$0.963	\$0.927	\$0.893	9
10	ŀ					\$1.928	•	•	•	•			i		\$1.108	•	•		\$0.940	\$0.906	10
11	Ì						\$1.799	\$1.668			\$1.376	• • • • • •	•		\$1.122	•		\$0.989	\$0.952	\$0.917	11
12	į.							\$1.000			\$1.392		1 : 2 : :	1 1 1 1 1	\$1.136	•	•		\$0.962	\$0.928	12
13									\$1.592	•	\$1.407	,	\$1.263		\$1.147	•	• ,	•	\$0.973	\$0.936	13
14	1									\$1.505	\$1.421		•		\$1.158				\$0.982	\$0.947	14
15	l										\$1.434				\$1.169 \$1.179				\$0.991	\$0.955 \$0.964	15
16 17	1											41.30 7			\$1.188	•		\$1.039	\$1.000 \$1.008	\$0.971	16 17
18	1												\$1.506		\$1.197						18
19	1													41.233			\$1.106				19
20	1														71.200		\$1.114				20
21																₽1.10 2	•	\$1.077			21
22	1																₩1.121		\$1.043		22
23	1																	71.000		\$1.011	23
24	1																		41.040	\$1.017	
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	1 *	channel	ls on re	gulated	ltiers	. 3	• •	. =		• •	• •		••								

Systems with 500 subscribers, 5 to 24 channels: Prices per Channel

Satellite	Total c	hannel	s on reg	gulated	tiers																Satellite
Channels	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20_	, 21	22	23	24	Channels
0	\$2.552	\$2.180	\$1.909	\$1.701	\$1.536	\$1.403	\$1.292	\$1.199	\$1.119	\$1.049	\$0.900	\$0.935	\$0.887	\$0.845	\$0.806	\$0.771	\$0.730	\$0.710	\$0.684	\$0.659	0
1	\$2.552	+	\$1.909										\$0.887	\$0.845		\$0.771	\$0.739	\$0.710	\$0.684	\$0.659	1
	V =											\$1.024				\$0.845	\$0.810	\$0.778	\$0.749	\$0.722	2
	V — · – · · ·	\$2.520	•	•	•		•	•			•	\$1.081	•	• • • • •	\$0.932	\$0.891	\$0.855	\$0.821	\$0.790	\$0.762	3
	\$3.063			•	•		•				•	\$1.122	•	•		\$0.926	·		V - · · · · ·	\$0.791	4
5	\$3.155											\$1.156				\$0.953	V U · U · U		I	\$0.815	5
6	Ì	\$2.761							_	_		\$1.184							•	\$0.834	6
7	ł		\$2.467						•	•	•	\$1.208	•	•	•		\$0.956	*****	1 1	\$0.851	7
8	ĺ			\$2.237		•	•	-		-	•	\$1.230	•		•				\$0.899	\$0.867	8
9	l				\$2.052				-	-	•	\$1.249			* * * * * * *			*****		\$0.880	9
. 10	ļ					\$1.900						\$1.266	-	-					\$0.926	\$0.892	10
11]						\$1.772					\$1.282							\$0.938	\$0.904	11
12	į							\$1.663				\$1.297							\$0.948	\$0.914	12
13									\$1.005			\$1.311							\$0.958	\$0.924	13
14	i									\$1,400		\$1.324								\$0.933	14
15	1										\$1.413	\$1.336							\$0.977	\$0.941	15
16	ì											\$1.347	\$1.279						\$0.965	\$0.950	16
17	Į.												\$1.208	\$1.227						\$0.957	17
18														\$1.230	\$1.180					\$0.964 \$0.971	18
19	}														31.100		\$1.090 \$1.097			\$0.978	19 20
20	1															\$1.140		\$1.054		\$0.964	20
21	1																#1.104		\$1.027	\$0.990	22
22												*						#1.007	\$1.027		23
23 24	1																		J 1.033	\$1.002	
	5	R	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	+
		hannal	le on m	gulated	Here					• • •			• • •	10	13	20	• •				

Systems with 250 subscribers, 25 to 100 channels: Prices per Channel

Satellite	Total o	hannel	on reg	gulated	tiers												Satellite
Channels	25	30	35	40	45	50	55	60	65	70	75_	80	85	90	95	100	Channels
0 5 10	\$0.646 \$0.798 \$0.874	\$0.682 \$0.747	\$0.483 \$0.597 \$0.654	\$0.430 \$0.532 \$0.583	\$0.389 \$0.480 \$0.526	\$0.365 \$0.439 \$0.481	I	\$0.411	\$0.360 \$0.383	\$0.265 \$0.328 \$0.360	\$0.280 \$0.300 \$0.330	\$0.320	\$0.224 \$0.277 \$0.304	\$0.264 \$0.289	\$0.276	\$0.195 \$0.241 \$0.264	5 10
15 20 25 30 35 40 45 50 65 70 75 80 85		\$0.788 \$0.819 \$0.843 \$0.863	\$0.890 \$0.717 \$0.738 \$0.758 \$0.771	\$0.615 \$0.639 \$0.658 \$0.674 \$0.687 \$0.700	\$0.555 \$0.577 \$0.594 \$0.608 \$0.621 \$0.632 \$0.642	\$0.507 \$0.527 \$0.542 \$0.556 \$0.567 \$0.577 \$0.586 \$0.594	\$0.500 \$0.512 \$0.522 \$0.531	\$0.450 \$0.463 \$0.475 \$0.484 \$0.493 \$0.501 \$0.506	\$0.420 \$0.432 \$0.443 \$0.452 \$0.460 \$0.467 \$0.474	\$0.394 \$0.406 \$0.416 \$0.424 \$0.432 \$0.438 \$0.444 \$0.450	\$0.392 \$0.400 \$0.407 \$0.413 \$0.419 \$0.424 \$0.429 \$0.434 \$0.436	\$0.351 \$0.362 \$0.370 \$0.378 \$0.385 \$0.381 \$0.396 \$0.401 \$0.406 \$0.410 \$0.414	\$0.3 9 3 \$0.3 9 7	\$0.305 \$0.317 \$0.327 \$0.334 \$0.341 \$0.347 \$0.363 \$0.366 \$0.366 \$0.370 \$0.377 \$0.374 \$0.384 \$0.387	\$0.303 \$0.312 \$0.319 \$0.326 \$0.332 \$0.337 \$0.341 \$0.346 \$0.360 \$0.363 \$0.367 \$0.367		15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95
100	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	\$0.358 100	100

Systems with 500 subscribers, 25 to 100 channels: Prices per Channel

Satellite	Total c	hannel	s on reg	gulated	tiers						*.	<u>-</u>					 Satellite
Channels	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	Channels
0	\$0.636	\$0.543	\$0.476	\$0.424	\$0.383	\$0.350	\$0.322	\$0.299	\$0.279	\$0.262	\$0.246	\$0.233	\$0.221	\$0.211	\$0.201	\$0.192	0
5	\$0.786	\$0.672	\$0.588	\$0.524	\$0.473	\$0.432	\$0.306	\$0.360	\$0.345	\$0.323	\$0.305	\$0.200	\$0.273	\$0.260	\$0.248	\$0.236	5
10	\$0.862	\$0.736	\$0.544	\$0.574	\$0.519	\$0.474	\$0.436	\$0.405	\$0.378	30.354	\$0.334	\$0.316	\$0.300	\$0.285	\$0.272	\$0.260	10
15	\$0.909	\$0.777	\$0.680	\$0.606	\$0.547	\$0.500	\$0.480	\$0.427	\$0.398	\$0.374	\$0.362	\$0.333	\$0.316	\$0.301	\$0.287	\$0.275	15
20	\$0.944	\$0.807	\$0.706	\$0.629	\$0.568	\$0.519	\$0.478	\$0.443	\$0.414	\$0.388	\$0.366	\$0.346	\$0.328	\$0.312	\$0.298	\$0.285	20
25	\$0.972	\$0.831	\$0.727	\$0.648	\$0.585	\$0.534	\$0.492	\$0.457	\$0.426	\$0.400	\$0.377	\$0.356	\$0.338	\$0.322	\$0.307	\$0.294	25
30		\$0.851	\$0.745	\$0.664	\$0.600	\$0.547	\$0.504	\$0.468	\$0.436	\$0.409	\$0.386	\$0.365	\$0.346	\$0.330	\$0.315	\$0.301	30
35	l		\$0.760	\$0.677	\$0.612	\$0.559	\$0.515	\$0.477	\$0.445	\$0.418	\$0.394	\$0.372	\$0.353	\$0.336	\$0.321	\$0.307	35
40				\$0.689	\$0.623	\$0.569	\$0.524	\$0.486	\$0.453	\$0.425	\$0.401	\$0.379	\$0.360	\$0.342	\$0.327	\$0.313	40
45					\$0.632	\$0.577	\$0.532	\$0.493	\$0.460	\$0.432	\$0.407	\$0.385	\$0.385	\$0.348	\$0.332	\$0.317	45
50						\$0.586	\$0.539	\$0.500	\$0.467	\$0.438	\$0.413	\$0.390	\$0.370	\$0.363	\$0.336	\$0.322	50
55							\$0.546	\$0.507	\$0.473	\$0.443	\$0.418	\$0.396	\$0.375	\$0.357	\$0.341	\$0.326	55
60								\$0.512	\$0.478	\$0.449	\$0.423	\$0.400	\$0.379	\$0.361	30.345	\$0.330	60
65									\$0.483	\$0.453	\$0.427	\$0.404	\$0.383	\$0.306	\$0.346	\$0.333	65
70										\$0.458	\$0.431	\$0.406	90.367	90.300	90.362	30.336	70
75	1										\$0.435	\$0.412	\$0.301	\$0.372	30,366	20,340	75
80												\$0.415	\$0.394	\$0.375	30,368	30.342	80
85	İ												\$0.397	\$0.378	\$0.361	\$0.345	85
90	1												-	\$0.381		\$0.348	90
95	ł														\$0.366		95
100															******	\$0.353	100
																******	1
	l											<i>*</i>					Į.
																	I
																	<u> 1</u>
	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	
	Total (channel	s on re	gulated	tiers												1